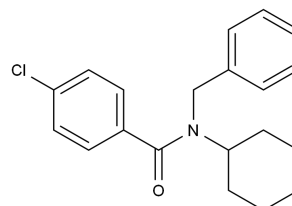


Product Name	: FPS-ZM1
Synonyms	: FPS-ZM1; FPS ZM1; FPSZM1; FPS-ZM 1; FPS ZM-1; FPSZM 1;
Cat No.	: M16776
CAS Number	: 945714-67-0
Molecular Formula	: C ₂₀ H ₂₂ ClNO
Formula Weight	: 327.85
Chemical Name	: Benzamide, 4-chloro-N-cyclohexyl-N-(phenylmethyl)-
Description	: FPS-ZM1 is a high-affinity RAGE-specific inhibitor; blocks Aβ binding to the V domain of RAGE and inhibits Aβ ₄₀ - and Aβ ₄₂ -induced cellular stress in RAGE-expressing cells in vitro and in the mouse brain in vivo.
Pathway	: Others
Target	: Amyloids
Receptor	: RAGE
Solubility	: 10 mM in DMSO
SMILES	: C1CCC(CC1)N(CC2=CC=CC=C2)C(=O)C3=CC=C(C=C3)Cl
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Deane R, et al. J Clin Invest. 2012 Apr;122(4):1377-92. | 2. Hong Y, et al. Neurochem Res. 2016 May;41(5):1192-9. | 3. Kwak T, et al. Oncogene. 2017 Mar;36(11):1559-1572.